## Rectroreflective sheet

Publication number: CN1238044

Publication date:

1999-12-08

Inventor:

YUTAKA MORI (US)

Applicant:

MINNESOTA MINING & MFG (US)

Classification: - International:

B32B7/02; G02B5/128; B32B7/02; G02B5/12; (IPC1-7): G02B5/128 G0285/128

Application number: CN19971099782 19971118

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JP19960307821 19961119

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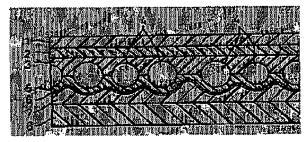
WO9822837 (/ EP0939913 (A U\$6221496 (B JP10153701 (/ EP0939913 (A

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Abstract not available for CN1238044 Abstract of corresponding document: WO9822837

To provide a retroreflective sheet which is suitable for comolding by injection molding or the like, wherein the retroreflective sheet can be laid within a mold and molded with a resin to form a molded product, and, after molding, the sheet retains a significant portion of its reflection luminance and appearance as compared with the reflection luminance value before moiding. A retroreflective sheet used for a comolding, comprising. A returnenceuve sneet used for a co-molding, comprising a metallic reflective layer, a microspherical lens layer disposed as a single layer, and a transparent focal resin layer disposed between the reflective layer and the microspherical lens layer, in which the focal resin layer comprises a mixture of cellulose ester and polyvinyi butyral resin.



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Family list 12 family members for: CN1236044 Derived from 10 applications

RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (JP)

EC: G0285/128

Publication info: CA2271486 A1 - 1998-05-28

Rectroreflective sheet

Inventor: YUTAKA MORI (US)

EC: G0285/128

Publication info: CN1238044 A - 1999-12-08

RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (US)

EC: G02BS/128

Publication info: DE69716631D D1 - 2002-11-28

RECTROREFLECTIVE SHEET

Inventor: MORL YUTAKA (US)

EC: G0285/128

Publication info: DE69716631T T2 - 2003-07-03

RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (US)

EC: G0289/128

Publication Info: EP0939913 A1 - 1999-09-08 **EP0939913 B1** - 2002-10-23

RETROREFLECTION SHEET

Inventor: MORI HIROSHI

EC: G02B5/128

Publication info: JP10153701 A - 1998-06-09

RECTROREFLECTIVE SHEET

Inventor: MORI YUTAKA (KR)

EC: G0285/128

Publication info: KR20000053351 A - 2000-08-25

Retroreflective sheet

**Enventor:** MORI YUTAKA (JP)

EC: G0285/128

Publication Info: US6221496 81 - 2001-04-24

Retroreflective sheet

Inventor: MORI YUTAKA (JF)

EC: G0285/128

Publication info: U\$6461718 B2 - 2002-10-08

US2001023009 A1 - 2001-09-20

RECTROREFLECTIVE SHEET

Inventor: NORI YUTAKA

EC: G02B5/128

Publication info: W09822837 A1 - 1998-05-28

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; 60285/128; 83287/02 (+2)

Applicant: MINHESOTA MINING & MFG (US)

IPC: 83287/02; G0285/128; B3287/02 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; G0285/129; B32B7/02 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 83287/02; G0285/128; B3287/02 (+2)

Applicant: MINNESOTA MINING & MFG (US)

IPC: 63287/02; G0285/128; B3287/02 (+2)

Applicant: MINNESOTA MINING & MFG

IPC: 83287/02; G0285/128; B32B7/02 (+3)

Applicant: MINNESOTA MINING & MFG

IPC: 83287/02; G0285/128; B3287/02 (+2)

Applicant: 3M INNOVATIVE PROPERTIES CO (US) IPC: 88287/02; 60286/128; B3287/02 (+5)

Applicant:

IPC: G0285/128; G0283/12; (IPC1-7): B32815/08 (+2)

Applicant: MINNESOTA MINING & MFG (US) IPC: 83287/02; G0285/128; B3287/02 (+2)

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